Claim 149. (New) The occlusive device of Claim 148, wherein said plurality of coil arms are formed from conically shaped coils each having an inner apical end, and said inner apical ends being connected to said central body, said conically shaped coils having an expanding diameter as they radiate outward.

Claim 150. (New) The occlusive device of Claim 148, wherein said central three dimensional coil has a shape selected from the group consisting of spherical, rounded, and cubical shapes.

Claim 151. (New) The occlusive device of Claim 148, wherein said plurality of coil arms comprise at least one multi-stranded micro-cable having a plurality of flexible strands of a resilient material, with at least one radiopaque strand to provide a radiopaque marker.

Claim 152. (New) The occlusive device of Claim 148, wherein said plurality of coil arms comprise at least one secondary wind coil of a primary helical wind coil.

Claim 153. (New) The occlusive device of Claim 149, wherein said central three dimensional coil comprises a secondary wind coil of a primary helical wind coil.

Claim 154. (New) A device for use in interventional therapy and vascular surgery, adapted to be inserted into a portion of a vasculature, comprising:

a coil having a collapsed primary coil configuration and an expanded secondary configuration with a three dimensional shape, said coil being formed from at least one flexible strand of a resilient material; and

at least one therapeutic fiber woven into the coil to enhance treatment of the site after placement of the device.

Claim 155. (New) The device of Claim 154 wherein said at least one flexible strand comprises a plurality of flexible strands of a resilient material, and at least one radiopaque strand to provide a radiopaque marker of the deployed configuration of the device.

Claim 156. (New) The device of Claim 154 wherein said at least one therapeutic fiber is woven about adjacent loops of the coil.

Claim 157. (New) The device of Claim 154 wherein said at least one therapeutic fiber is woven about non-adjacent loops of the coil.

Claim 158. (New) The device of Claim 154, wherein said at least one therapeutic fiber is woven through the multiple strands of adjacent loops of the coil.

Claim 159. (New) The device of Claim 154, wherein said at least one therapeutic fiber is woven through the multiple strands of non-adjacent loops of the coil.

Claim 160. (New) The device of Claim 154 wherein said at least one therapeutic fiber is made of a material that will provide a timed release of a therapeutic agent intended to become active after placement of the device.

Claim 161. (New) The device of Claim 160, wherein said therapeutic agent selected from the group consisting of human growth hormone, collagen, a modified polymer with growth factor, genetic material for gene therapy, and antigens.

Claim 162. (New) The device of Claim 160, wherein said at least one therapeutic fiber comprises a plurality of therapeutic fibers, with different fibers provided in the coil with different therapeutic agents to provide different therapies.

Claim 163. (New) The device of Claim 154 wherein said coil secondary three dimensional configuration is helical.

Claim 164. (New) The device of Claim 154 wherein said at least on flexible strand comprises a nickel-titanium alloy.

Claim 165. (New) A device for use in interventional therapy and vascular surgery, adapted to be inserted into a portion of a vasculature, comprising:

a shape memory coil having an outer coil portion and an inner core portion, said shape memory coil having a primary, collapsed coil configuration and a secondary, expanded configuration with a three dimensional shape; and

a radiopaque strand having a plurality of intermittently spaced apart enlarged portions disposed within the outer coil portion.

Claim 166. (New) The device of Claim 165, wherein said shape memory coil comprises a multi-stranded coil having a plurality of flexible strands of a resilient material.

Claim 167. (New) The device of Claim 165, wherein said shape memory coil comprises a single stranded coil.

Claim 168. (New) The device of Claim 167, wherein said single stranded coil comprises a nickel titanium alloy.

Claim 169. (New) The device of Claim 167, wherein said single stranded coil comprises a shape memory polymer.

Claim 170. (New) The device of Claim 165, wherein said enlarged portions comprise a radiopaque material selected from the group consisting of platinum and gold.

Claim 171. (New) The device of Claim 165, wherein said enlarged portions comprise a plurality of beads of radiopaque material spaced apart and mounted on a core strand of material.

Claim 172. (New) The device of Claim 171, wherein said beads comprise a radiopaque material selected from the group consisting of platinum, gold and tungsten.

Claim 173. (New) The device of Claim 171, wherein at least one of said plurality of beads is bonded to a segment of the shape memory coil.

Claim 174. (New) The device of Claim 171, wherein said enlarged portions comprise a plurality of coils intermittently wound about and spaced apart on said core strand.

Claim 175. (New) The device of Claim 165, wherein at least one of said core strands comprises a radiopaque material selected from the group consisting of platinum and gold.

Claim 176. (New) The device of Claim 174, wherein said spaced apart coils comprise a radiopaque material selected from the group consisting of platinum and gold.

Claim 177. (New) The device of Claim 165, wherein at least one of said core strands comprise a material selected from the group consisting of platinum, gold, a shape memory polymer having a glass transition temperature (Tg) below 25° C, a hydrogel, an amorphous gel, and a fiber.